Power projects under construction with the assistance from the World Bank

870. SHRI PREM CHAND GUPTA: Will the Minister of POWER be pleased to state:

(a) the number of power projects under construction in the country with assistance from the World Bank and other multilateral agencies, State-wise;

(b) the amount allocated to each of the projects by the World Bank;

(c) by when the projects are likely to be completed indicating cost over run because of delay; and

(d) the future plans to meet rising power demand?

THE MINISTER OF STATE IN THE MINISTRY OF POWER (SHRIMATI JAYAWANTI MEHTA): (a) to (c) The position of power projects under construction in the country with the assistance of multilateral agencies is as under:

Sl. No.	Project	Executing Agency	Multilateral Funding Agency	State	Loan Amount (US$ in Million)	Last date of disbursement
1	2	3	4	5	6	7
1.	Power Sector Development Project-II (4603-IN)	POWERGRID	World Bank	Multi States	450.00	06/2006
2.	AP Power Sector Restructuring Project (4441-IN)	APTRANSCO	World Bank	A.P.	210.00	08/2003
3.	Orissa Power Sector Restructuring Project (4014-IN)	GRIDCO	World Bank	Orissa	350.00	01/2004
4.	Rajasthan Power Sector Restructuring Project (4594-IN)	RRVPNL	World Bank	Rajasthan	180.00	06/2005

1	2	3	4	5	6	7
5.	UP Power Sector Restructuring Project (4545-IN)	UPPCL	World Bank	U.P.	150.00	12/2004
6.	Power Transmission Sector Project-I (1405-IND)	POWERGRID	ADB	Multi States	275.00	03/2003
7.	Power transmission Sector Project-I (1764-IND)	POWERGRID	ADB	Multi States	250.00	03/2006
8.	Gujarat Power Sector Development (1803/1804-IND)	GEB	ADB	Gujarat	250.00	06/2005
9.	M.P. Power Sector Development (1868/1869-IND)	MPSEB	ADB	M.P.	350.00	06/2006

(d) A capacity addition target of 41,110 MW has been fixed for 10th Plan. Effective mechanisms have been put in place to ensure timely completion of the project and achievement of the targeted capacity during 10th Plan.

In addition to the benefits from new generating capacity, the power supply position is expected to further improve through:

- An additional capacity of 3000 MW is expected to come from renewable sources of energy. In addition, supply of 1000 MW from Tala Hydro electric Project in Bhutan is expected in the 10th Plan.
- Undertaking energy conservation measures for which the Energy Conservation Act has been enacted and the Bureau of Energy Efficiency constituted.
- Reducing technical losses in distribution. The Accelerated Power Development and Reforms Programme (APDRP) is designed for the attainment of this objective.
- Undertaking Renovation and Modernisation (R&M) of existing power stations which combined with improved Operation and Maintenance practices would lead to higher availability and generation.
- Export of power from surplus to deficit region through the gradual

development of a National Grid to optimize utilization of generating capacity on an all India basis.

➢ Installation of captive generating plants. The new Electricity Bill provides for a liberal framework for construction of captive power plants freely.

Projects research by NHPC

†871. SHRI HARISH RAWAT: Will the Minister of POWER be pleased to state:

(a) the details of projects taken up for research by NHPC, State-wise;

(b) whether out of these projects, some projects are proposed to be taken up for construction during the present plan period; and

(c) if so, the details thereof?

THE MINISTER OF STATE IN THE MINISTRY OF POWER (SHRIMATI JAYAWANTI MEHTA): (a) A number of hydro-electric projects/ schemes have been taken up by the National Hydro-electric Power Corporation Ltd. (NHPC) in different States for survey and investigation under Stages-I & II of hydro power development. Details of these schemes/projects are enclosed as Statement (*See* below).

(b) and (c) Hydro electric projects are being executed under a three-stage clearance system, where stages-I & II are for Survey and Investigation Stages leading to the preparation of a Detailed Project Report (DPR) accord of techno-economic clearance by Central Electricity Authority (CEA) and other statutory clearances as well as development of necessary infrastructure. Stage-III of hydro project development is the actual construction of the project after accord of investment approval by the Government. The projects under Survey and Investigation can be taken up for construction during the present plan period after completion of the Detailed Project Reports, receipt of techno-economic clearance from Central Electricity Authority (CEA), other statutory clearances and investment clearance.

†Original notice of the question was received in Hindi.